

WHAT IS CLAIMED IS:

1. A joint apparatus for personal digital assistant (PDA) and multimedia
5 module essentially comprising of:
a boxed structure comprising of an upper lid, a bottom lid and a board fence,
a set of PCB components assembly combining by a PCB and an interface card which
are deposited at said bottom lid for delivering information, ¹⁷³
a fixture assembly arranged at said bottom lid, herein the upper portion of said fixture
10 assembly been compressed by said board fence for fixing the PDA interface equipment,
and ¹⁷⁵
an elastic ³¹ assembly inlaid said bottom lid adjacently,
whereby composition of aforesaid components, as inserting the interface
card of said boxed structure into the slot of PDA interface equipment,
15 herein said interface card will place in the slot of said PDA interface
equipment, whereby forcing outwardly said fixture component, the bayonet
lock will lock said PDA interface equipment, said boxed structure and said
PDA interface equipment will be contacted for releasing said interface card
to fix said PDA interface equipment on said boxed structure, herein a
20 released locked stage in interface card which only removing said bayonet
lock of PDA interface equipment to draw the PDA interface equipment off,
thus, no more releasing said interface card²
2. According to claim 1 of said joint apparatus for personal digital assistant
(PDA) and multimedia module, wherein said fixture assembly is T-type
25 like, one end of said fixture assembly with a bayonet lock, a pin hole and a
positioned block, and the other end with two outward-sides which
respective extend an extending portion, herein every said extending
portion opened a chamfered portion;
3. According to claim 1 of said joint apparatus for personal digital assistant
30 and multimedia module, wherein said fixture assembly curves as S-type
like, herein both of the forward portion and rear portion of said fixture

assembly are stretching outwardly as an elastic extending portion;

4. According to claim 1 of said joint apparatus for personal digital assistant and multimedia module, wherein as said fixture assembly being arranged into said boxed structure, herein the positioned block of said fixture assembly will interlock with said positioned slot of said board fence for conveniently fabricating and positioning said fixture assembly to be fabricated;
5. According to claim 1 of said joint apparatus for personal digital assistant and multimedia module, wherein as forcing and pulling outwardly onto said fixture assembly, said chamfered portion of said assembly will contact said elastic extending portion of said elastic assembly, thus said elastic structure been compressed, a counteraction force will come to said elastic structure to pull said fixture assembly as well as drive said bayonet lock of said fixture assembly inlaid said PDA interface equipment for secure combining said boxed structure in case of falling off;
6. According to claim 1 of joint apparatus for personal digital assistant and multimedia module, wherein said fixture assembly and said elastic assembly will reduce friction because of rib, thus said elastic assembly will work efficiently onto said fixture assembly.